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<u>#2</u>	(((((home <near> (automation or network))<in>metadata))<AND> ((transmit* <near> device <near> state)<in>metadata))	0
<u>#3</u>	(((((home <near> (automation or network))<in>metadata))<and> ((transmit* <near> state)<in>metadata))	10
<u>#4</u>	(((((home <near> (automation or network))<in>metadata))<and> ((transmit* <near> state)<in>metadata))	10
<u>#5</u>	(((((home <near> (automation or network))<in>metadata))<and> ((transmit* <near> state)<in>metadata))	10
<u>#6</u>	((appliance\$1 and control and transmit* and state <near> message*)<in>metadata)	0
<u>#7</u>	((appliance* and control and transmit* and state <near> message*)<in>metadata)	0
<u>#8</u>	((appliance* and control and transmit* and state)<in>metadata)	0
<u>#9</u>	( home appliance transmitting state messages<in>metadata )	0
<u>#10</u>	( home <near> appliances <paragraph> transmitting <near> state <near> messages<in>metadata )	0
<u>#11</u>	( home <near> appliances <in>metadata )	543
<u>#12</u>	(( ( home <near> appliances <in>metadata ) )<AND>(state <near> messages<in>metadata))	0
<u>#13</u>	(( ( home <near> appliances <in>metadata ) )<and>(state <near> (device or equipment)<in>metadata))	13
<u>#14</u>	(( ( home <near> appliances <in>metadata ) )<and>(state <near> (device or equipment)<in>metadata))	13
<u>#15</u>	(( ( home <near> appliances <in>metadata ) )<and>(state <near> (device or equipment)<in>metadata))	13
<u>#16</u>	(( ( home <near> appliances <in>metadata ) )<and>(state <near> (device or equipment)<in>metadata))	13





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IEEE CNF IEEE Conference Proceeding

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- ☐ 1. **The impact of power limitations and adjacent residence interference on the performance of WLANs for home networking applications**  
 Armour, S.; Doufexi, A.; Lee, B.-S.; Nix, A.; Bull, D.;  
[Consumer Electronics, IEEE Transactions on](#)  
 Volume 47, Issue 3, Aug. 2001 Page(s):502 - 511  
 Digital Object Identifier 10.1109/30.964139  
[AbstractPlus](#) | Full Text: [PDF](#)(1645 KB) IEEE JNL  
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- ☐ 2. **Impact of power limitations on the performance of WLANs for home networking applications**  
 Armour, S.; Lee, B.S.; Doufexi, A.; Nix, A.R.; Bull, D.;  
[Consumer Electronics, 2001. ICCE. International Conference on](#)  
 19-21 June 2001 Page(s):240 - 241  
 Digital Object Identifier 10.1109/ICCE.2001.935292  
[AbstractPlus](#) | Full Text: [PDF](#)(228 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 3. **Impact of propagation delay on media access protocol performance for star-coupled WDM local area networks**  
 Bogineni, K.; Dowd, P.;  
[Military Communications Conference, 1993. MILCOM '93. Conference record. 'Communications on the Move', IEEE](#)  
 Volume 1, 11-14 Oct. 1993 Page(s):298 - 302 vol.1  
 Digital Object Identifier 10.1109/MILCOM.1993.408502  
[AbstractPlus](#) | Full Text: [PDF](#)(424 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **New approach for mobile multicast based on SSM**  
 Ki-II Kim; Jeoung-Lak Ha; Eun-Hee Hyun; Sang-Ha Kim;  
[Networks, 2001. Proceedings. Ninth IEEE International Conference on](#)  
 10-12 Oct. 2001 Page(s):405 - 408  
 Digital Object Identifier 10.1109/ICON.2001.962376  
[AbstractPlus](#) | Full Text: [PDF](#)(408 KB) IEEE CNF  
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- ☐ 5. **A new radio resource management scheme for multiple video stream transmission**  
 Shinkuma, R.; Okada, M.; Tsukamoto, K.; Komaki, S.;  
[Radio and Wireless Conference, 2002. RAWCON 2002. IEEE](#)  
 11-14 Aug. 2002 Page(s):35 - 38  
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- ☐ **6. Broadband access: the last mile**  
Cloetens, L.;  
[Solid-State Circuits Conference, 2001. Digest of Technical Papers. ISSCC, 2001 IEEE International](#)  
5-7 Feb. 2001 Page(s):18 - 21  
Digital Object Identifier 10.1109/ISSCC.2001.912409  
[AbstractPlus](#) | Full Text: [PDF\(248 KB\)](#) IEEE CNF  
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- ☐ **7. Gigachips: deliver affordable digital multimedia for work and play via broadband network and set-top box**  
Chatterjee, P.;  
[Solid-State Circuits Conference, 1995. Digest of Technical Papers. 42nd ISSCC, 1995 IEEE International](#)  
15-17 Feb. 1995 Page(s):26 - 30  
Digital Object Identifier 10.1109/ISSCC.1995.535262  
[AbstractPlus](#) | Full Text: [PDF\(536 KB\)](#) IEEE CNF  
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- ☐ **8. Measurements and models for radio path loss and penetration loss in and around homes and trees at 5.85 GHz**  
Durgin, G.; Rappaport, T.S.; Hao Xu;  
[Communications, IEEE Transactions on](#)  
Volume 46, Issue 11, Nov. 1998 Page(s):1484 - 1496  
Digital Object Identifier 10.1109/26.729393  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(288 KB\)](#) IEEE JNL  
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- ☐ **9. Continuous monitoring of vital constants for mobile users: the MobiHealth approach**  
Konstantas, D.; Herzog, R.;  
[Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th Annual International Conference of the IEEE](#)  
Volume 4, 17-21 Sept. 2003 Page(s):3728 - 3731 Vol.4  
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- ☐ **10. WTRP - wireless token ring protocol**  
Ergen, M.; Duke Lee; Raja Sengupta; Varaiya, P.;  
[Vehicular Technology, IEEE Transactions on](#)  
Volume 53, Issue 6, Nov. 2004 Page(s):1863 - 1881  
Digital Object Identifier 10.1109/TVT.2004.836928  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1192 KB\)](#) IEEE JNL  
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- ☐ 1. **Adaptive resource management system for home-area networks**  
Okamura, H.;  
[Distributed Computing Systems Workshop, 2001 International Conference on](#)  
16-19 April 2001 Page(s):187 - 192  
Digital Object Identifier 10.1109/CDCS.2001.918704  
[AbstractPlus](#) | Full Text: [PDF\(548 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **Towards dependable home networking: an experience report**  
Yi-Min Wang; Russell, W.; Arora, A.; Jun Xu; Jagannathan, R.K.;  
[Dependable Systems and Networks, 2000. DSN 2000. Proceedings International Conference on](#)  
25-28 June 2000 Page(s):43 - 48  
Digital Object Identifier 10.1109/ICDSN.2000.857512  
[AbstractPlus](#) | Full Text: [PDF\(200 KB\)](#) IEEE CNF  
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- ☐ 3. **A framework to access networked appliances in wide area networks**  
Rahman, M.; Braun, D.; Bushmitch, D.;  
[Consumer Communications and Networking Conference, 2005. CCNC. 2005 Second IEEE](#)  
3-6 Jan. 2005 Page(s):261 - 266  
Digital Object Identifier 10.1109/CCNC.2005.1405180  
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- ☐ 4. **Home appliance translator for remote control of conventional home appliance**  
Kuriyama, H.; Mineno, H.; Seno, Y.; Furumura, T.; Mizuno, T.;  
[Advanced Information Networking and Applications, 2006. AINA 2006. 20th International Conference on](#)  
Volume 2, 18-20 April 2006 Page(s):5 pp.  
Digital Object Identifier 10.1109/AINA.2006.190  
[AbstractPlus](#) | Full Text: [PDF\(384 KB\)](#) IEEE CNF  
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- ☐ 5. **High-performance speed-sensorless control of an induction motor drive using a minimalist single-phase PWM converter**  
Ojo, O.; Zhiqiao Wu; Gan Dong; Asuri, S.K.;  
[Industry Applications, IEEE Transactions on](#)  
Volume 41, Issue 4, July-Aug. 2005 Page(s):996 - 1004  
Digital Object Identifier 10.1109/TIA.2005.851580  
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- ☐ 6. **High performance speed sensor-less control of an induction motor drive using a minimalist single-phase PWM converter**  
Ojo, O.; Zhiqiao Wu; Gan Dong;  
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Volume 1, 3-7 Oct. 2004 Page(s):  
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- ☐ 7. **Personal authentication through biometric technologies**  
Podio, F.L.;  
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Digital Object Identifier 10.1109/IWNA.2001.980804  
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- ☐ 8. **Security issues in networked appliances and home gateways**  
Pittsley, N.; Suandy, I.;  
Networked Appliances, 2002. Liverpool. Proceedings. 2002 IEEE 5th International Workshop on  
30-31 Oct. 2002 Page(s):35 - 38  
[AbstractPlus](#) | Full Text: [PDF](#)(371 KB) IEEE CNF  
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- ☐ 9. **Architecture and implementation of intelligent control systems for smart consumer appliances via Internet**  
Fei-Yue Wang; Yuetong Lin; Qinglong Wu; Fu, P.M.; Yeo, C.;  
Systems, Man, and Cybernetics, 2000 IEEE International Conference on  
Volume 1, 8-11 Oct. 2000 Page(s):599 - 602 vol.1  
Digital Object Identifier 10.1109/ICSMC.2000.885059  
[AbstractPlus](#) | Full Text: [PDF](#)(328 KB) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ 10. **MASSIHN: a multi-agent architecture for intelligent home network service**  
Cheng-Fa Tsai; Hang-Chang Wu;  
Consumer Electronics, IEEE Transactions on  
Volume 48, Issue 3, Aug. 2002 Page(s):505 - 514  
Digital Object Identifier 10.1109/TCE.2002.1037035  
[AbstractPlus](#) | Full Text: [PDF](#)(775 KB) IEEE JNL  
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- ☐ 11. **The effects of surges on electronic appliances**  
Smith, S.B.; Standler, R.B.;  
Power Delivery, IEEE Transactions on  
Volume 7, Issue 3, July 1992 Page(s):1275 - 1282  
Digital Object Identifier 10.1109/61.141841  
[AbstractPlus](#) | Full Text: [PDF](#)(776 KB) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ 12. **A network of residential fuel cells and operational strategies: evaluation with a PC simulator and an experimental system**  
Aki, H.; Yamamoto, S.; Kondoh, J.; Maeda, T.; Yamaguchi, H.; Murata, A.; Ishii, I.;  
Power Engineering Society General Meeting, 2005. IEEE  
12-16 June 2005 Page(s):2109 - 2114 Vol. 3  
Digital Object Identifier 10.1109/PES.2005.1489263  
[AbstractPlus](#) | Full Text: [PDF](#)(977 KB) IEEE CNF  
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- ☐ 13. **Developing Gestural Input**  
Kranz, M.; Freund, S.; Holleis, P.; Schmidt, A.; Arndt, H.;

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International Conference on  
04-07 July 2006 Page(s):63 - 63  
Digital Object Identifier 10.1109/ICDCSW.2006.41  
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	(home near10 (network automation)) and (transmit\$4 receiv\$3 send\$3) near10 (state near message\$1)	USPAT	OR	OFF	2006/08/03 09:10
L2	76	(home near10 (network automation)) and (transmit\$4 receiv\$3 send\$3) near10 (state near message\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 11:36
L3	14	(home near10 (network automation)).ab. and (transmit\$4 receiv\$3 send\$3) near10 (state near message\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 09:11
L4	2	"6535784".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:12
L5	84	(coffee near maker\$1) and (timer\$1 or clock\$1) and ((home near (network or automation)) or HAVI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:13
L6	699	(coffee near maker\$1) and (timer\$1 or clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:13
L7	208	(coffee near maker\$1) and (timer\$1 or clock\$1) and network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:13
L8	10	(coffee near maker\$1) and (timer\$1 or clock\$1) and (display\$3 near state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:14
L9	82	(williamson near charles).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:15

## EAST Search History

L10	84	(coffee near maker\$1) and (timer\$1 or clock\$1) and ((home near (network or automation)) or HAVI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:15
L11	267	(coffee near maker\$1) and (timer\$1 or clock\$1) and memor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:15
L12	2	"6535784".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/03 10:16
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L18	74	("340"/\$).cccls. and (coffee and maker\$1)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/03 10:16
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L21	2	((("5375508" "5694115" "5901634" "6095031").pn.) and communication	USPAT	OR	OFF	2006/08/03 10:16
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L24	34	"5375508".URPN.	USPAT	OR	OFF	2006/08/03 10:16
L25	6	("4468406"   "5044261"   "5072660"   "5134925"   "5158793"   "5255593").PN.	USPAT	OR	OFF	2006/08/03 10:16

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L33	3	((("4468406"   "5044261"   "5072660"   "5134925"   "5158793"   "5255593").PN. ) and display\$3	USPAT	OR	OFF	2006/08/03 10:16
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L36	1	"6453344".pn.	USPAT	OR	OFF	2006/08/03 10:16
L37	2	"5848028".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/03 10:16
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L40	1	"5463932".pn. and (timer\$1 or clock\$1) and memor\$3	USPAT	OR	OFF	2006/08/03 10:16
L41	25	"5877957"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 10:16
L42	2	"6639375".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 10:16
L43	0	(coffeemaker and timers and controller and network and communication near path and message near5 state near5 transmit\$3 and (receiv\$3 reception) near another near device).clm.	US-PGPUB	OR	ON	2006/08/03 10:18

## EAST Search History

L44	1885	(700/83,65,12,15).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 11:41
L45	2	44 and (home near10 (network automation)) and (transmit\$4 receiv\$3 send\$3) near10 (state near message\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 11:42
L46	854	(340/534,538 99/323.3).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 11:42
L47	0	46 and (home near10 (network automation)) and (transmit\$4 receiv\$3 send\$3) near10 (state near message\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/03 11:42